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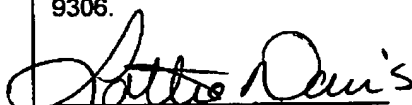
JUN 02 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|            |   |                                  |                       |
|------------|---|----------------------------------|-----------------------|
| Appl. No.  | : | 10/743,571                       | Confirmation No. 7976 |
| Applicant  | : | WANG, Jin-Sheng                  | Customer No. 23494    |
| Filed      | : | 12/22/2003                       |                       |
| TC/A.U     | : | 2816                             |                       |
| Examiner   | : | Lam, Tuan Thieu                  |                       |
| Docket No. | : | TI-36946                         |                       |
| For        | : | HIGH-SPEED SIGNAL LEVEL DETECTOR |                       |

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 703-872-9306.

  
Lottie Davis

06-02-05  
Date

**FACSIMILE COVER SHEET**

|  |  |
|--|--|
| <input checked="" type="checkbox"/> <b>FACSIMILE COVER SHEET</b> | <input type="checkbox"/> <b>AMENDMENT</b>                              |
| <input type="checkbox"/> <b>NEW APPLICATION</b>                  | <input type="checkbox"/> <b>EOT - 3 Mnths</b>                          |
| <input type="checkbox"/> <b>DECLARATION</b>                      | <input type="checkbox"/> <b>NOTICE OF APPEAL</b>                       |
| <input type="checkbox"/> <b>ASSIGNMENT</b>                       | <input type="checkbox"/> <b>APPEAL</b>                                 |
| <input type="checkbox"/> <b>Recordation Form</b>                 | <input type="checkbox"/> <b>ISSUE FEE</b>                              |
| <input type="checkbox"/> <b>FORMAL DRAWINGS</b>                  | <input type="checkbox"/> <b>REQUEST FOR CONTINUED</b>                  |
| <input type="checkbox"/> <b>INFORMAL DRAWINGS</b>                | <input type="checkbox"/> <b>EXAMINATION</b>                            |
| <input type="checkbox"/> <b>CONTINUATION APP'N</b>               | <input checked="" type="checkbox"/> <b>RESPONSE TO OFFICIAL ACTION</b> |
| <input type="checkbox"/> <b>DIVISIONAL APP'N</b>                 | <input type="checkbox"/> <b>UNDER 1.111</b>                            |

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Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, TX 75074

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/743,571 Confirmation No. 7976  
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**RESPONSE TO OFFICIAL ACTION UNDER 37 C.F.R. §1.111**  
**TRANSMITTAL FORM**

Mail Stop Amendment  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

|  |                  |
|--|------------------|
| <b>CERTIFICATION OF FACSIMILE TRANSMISSION</b><br><br>I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 703-872-9306. |                  |
| <i>Lottie Davis</i><br>Lottie Davis  | 06-02-05<br>Date |

Sir:

1. Transmitted herewith is an amendment for this application.

**STATUS**

2. The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply. Applicant is other than a small entity.

- (a) ☐ Applicant petitions for an extension of time under 37 CFR 1.136 (fees: 37 CFR 1.17(a)-(d) for other total number of months checked below:

| Extension (months)                    | Fee for other than small entity |
|---------------------------------------|---------------------------------|
| <input type="checkbox"/> one month    | \$ 120.00                       |
| <input type="checkbox"/> two months   | \$ 330.00                       |
| <input type="checkbox"/> three months | \$ 570.00                       |
| <input type="checkbox"/> four months  | \$ 570.00                       |

Fee \$ 1.20

If an additional extension of time is required please consider this a petition therefore.

☐ An extension for \_\_\_\_\_ months has already been secured and the fee paid therefore of \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

☐ Extension fee due with this request \$ \_\_\_\_\_

OR

(b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

#### FEE FOR CLAIMS

4. The fee for claims (37 CFR 1.16(b)-(d)) has been calculated as shown below:

| CLAIMS AS AMENDED                    |   |       |   |                  |          |                   |
|--------------------------------------|---|-------|---|------------------|----------|-------------------|
|                                      | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID | PRESENT<br>EXTRA | RATE     | ADDITIONAL<br>FEE |
| Total Claims                         | 6   | Minus | 11                                      | = 0              | x \$18 = | \$ 0              |
| Independent<br>Claims                | 3   | Minus | 3                                       | = 0              | x \$86 = | \$ 0              |
| TOTAL ADDITIONAL FEE FOR THIS AMOUNT |   |       |   |                  |          | \$ 0              |

(c) ☒ No additional fee for claims is required.

OR

(d) ☐ Total additional fee for claims required \$ -0-

#### FEE PAYMENT

If any additional extension and/or fee is required, charge Deposit Account No. 20-0668 and/or if any additional fee for claims is required, charge Deposit Account No. 20-0668. Two copies of this sheet are enclosed.

Respectfully submitted,  
Texas Instruments Incorporated

By   
William B. Kempler  
Senior Corporate Patent Counsel  
Reg. No. 28,228  
(972) 917-5452

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**JUN 02 2005**

**TI-36946**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/743,571 Confirmation No. 7976  
Applicant : WANG, Jin-Sheng  
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For : HIGH-SPEED SIGNAL LEVEL DETECTOR

**RESPONSE TO OFFICIAL ACTION UNDER 37 C. F. R. § 1.111**

**MAIL STOP AMENDMENT**

Commissioner For Patents

P. O. Box 1450

Alexandria, VA 22313-1450

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Lottie Davis

06-02-05  
Date

Dear Sir:

In response to the Office Action of March 3, 2005, please consider these remarks in the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begin on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.

S/N 10/743,571

Page 1 of 5